

MISSOURI

Science and Engineering Profile

	Missouri	U.S.	Rank		Missouri	U.S.	Rank
Doctoral scientists, 1993	7,671	430,332	19	Total R&D performance, 1993 (millions)	\$1,789	\$161,427	23
Doctoral engineers, 1993	1,126	81,293	23	Industry R&D, 1993 (millions)	\$1,375	\$117,622	18
S&E doctorates awarded, 1993	379	25,409	23	Academic R&D, 1993 (millions)	\$345	\$19,489	18
of which, in life sciences	30%	24%		of which, in life sciences	76%	55%	
in engineering	23%	22%		in engineering	9%	16%	
in psychology	18%	13%		in physical sciences	6%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	797	34,394	13	expenditures, 1993 (millions)	\$3,249	\$163,994	17
S&E graduate students, 1993				Number of SBIR awards, 1990-93	65	13,995	27
in doctorate-granting institutions	6,658	438,128	21	Patents issued to state residents, 1994	633	56,039	22
Population, 1994 (000s)	5,278	260,341	16	Gross state product, 1992 (billions)	\$111.6	\$5,994.1	17
Civilian labor force, 1994 (000s)	2,695	131,013	17	of which, agriculture	2%	2%	
Personal income per capita, 1994	\$20,717	\$21,809	25	manufacturing, mining, construction	24%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures 1994 (millions)	\$31,766	\$1,284,896	14	wholesale and retail trade	18%	16%	
R&D obligations 1993 (millions)	\$726	\$65,394	19	finance, insurance, real estate	16%	18%	
				services	19%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Missouri by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	726,344	51,288	0	455,515	198,273	18,042	3,226	19
Department of Agriculture	18,578	7,956	0	0	10,592	30	0	25
Department of Commerce	96	0	0	21	75	0	0	40
Department of Defense	485,440	31,733	0	446,941	6,766	0	0	16
Department of Energy	4,881	0	0	0	4,456	425	0	41
Dept. of Health & Human Services	176,167	0	0	1,307	156,987	16,552	1,321	16
Department of the Interior	12,068	10,491	0	392	1,116	0	69	18
Department of Transportation	3,555	1,068	0	904	0	0	1,583	26
Environmental Protection Agency	2,666	0	0	2,167	246	0	253	24
Nat'l Aeronautics & Space Admin.	8,296	40	0	3,609	4,577	70	0	29
National Science Foundation	14,597	0	0	174	13,458	965	0	28
State rank	19	30	na	15	18	22	24	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.